

Figure 1

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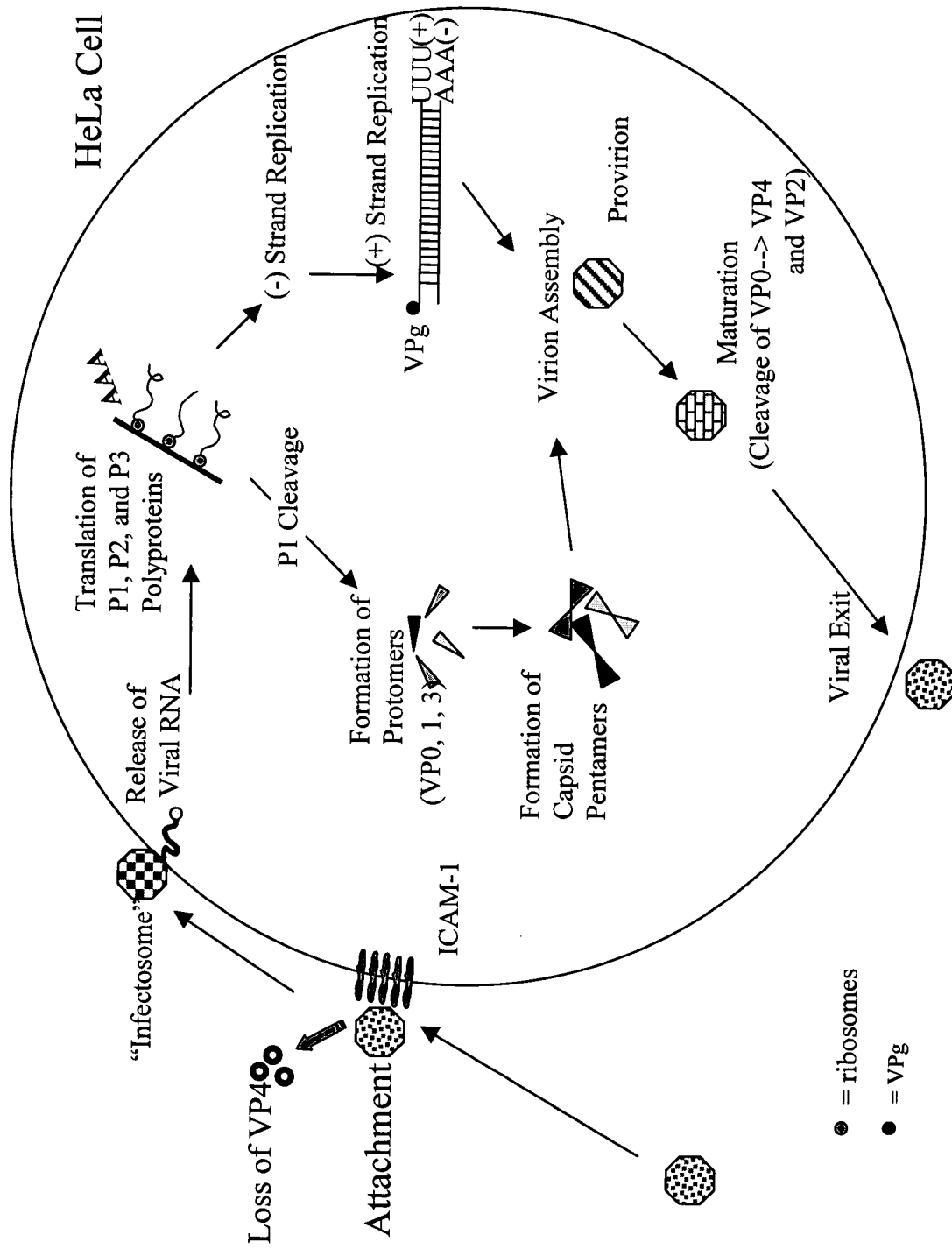


Figure 2

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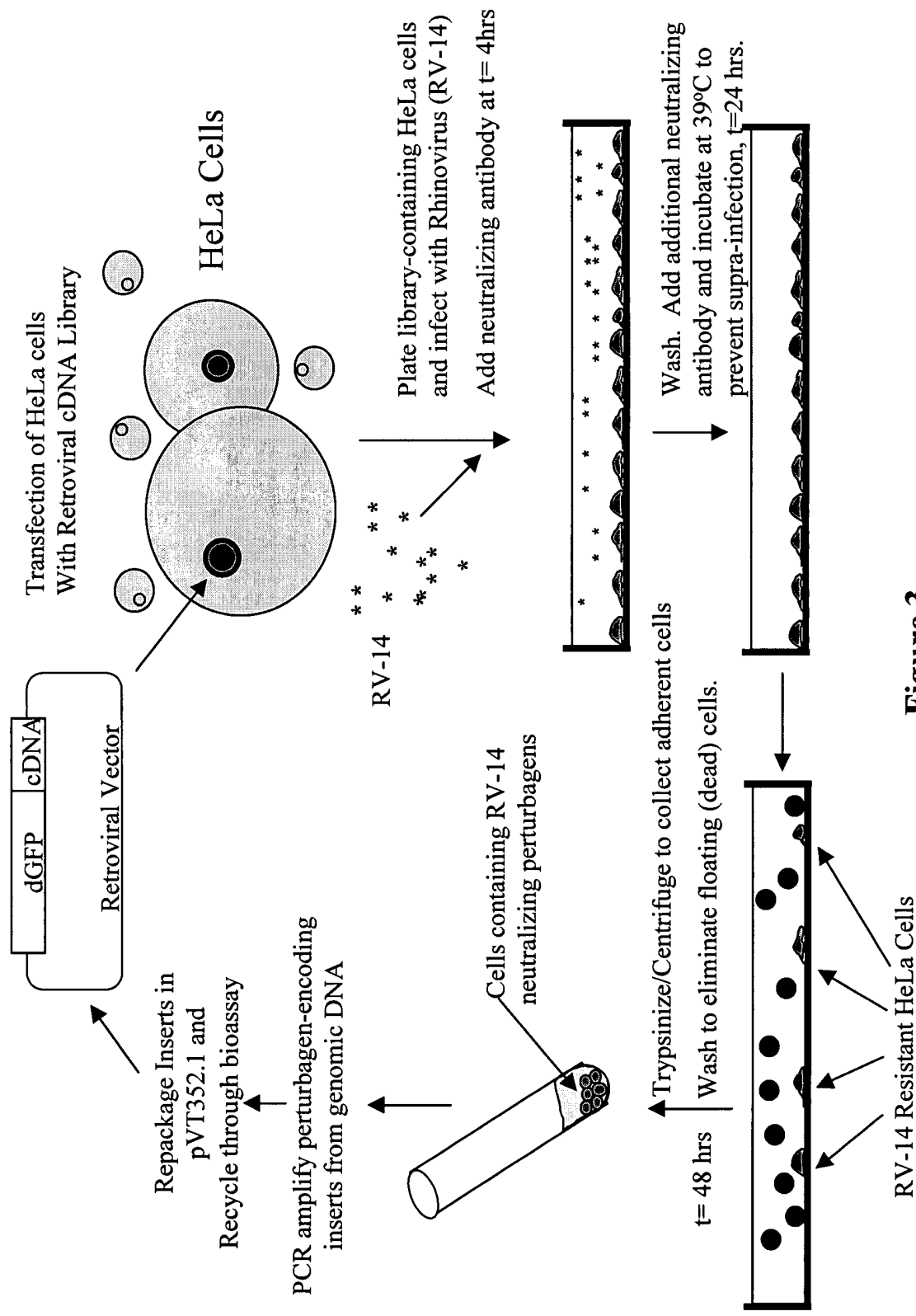


Figure 3

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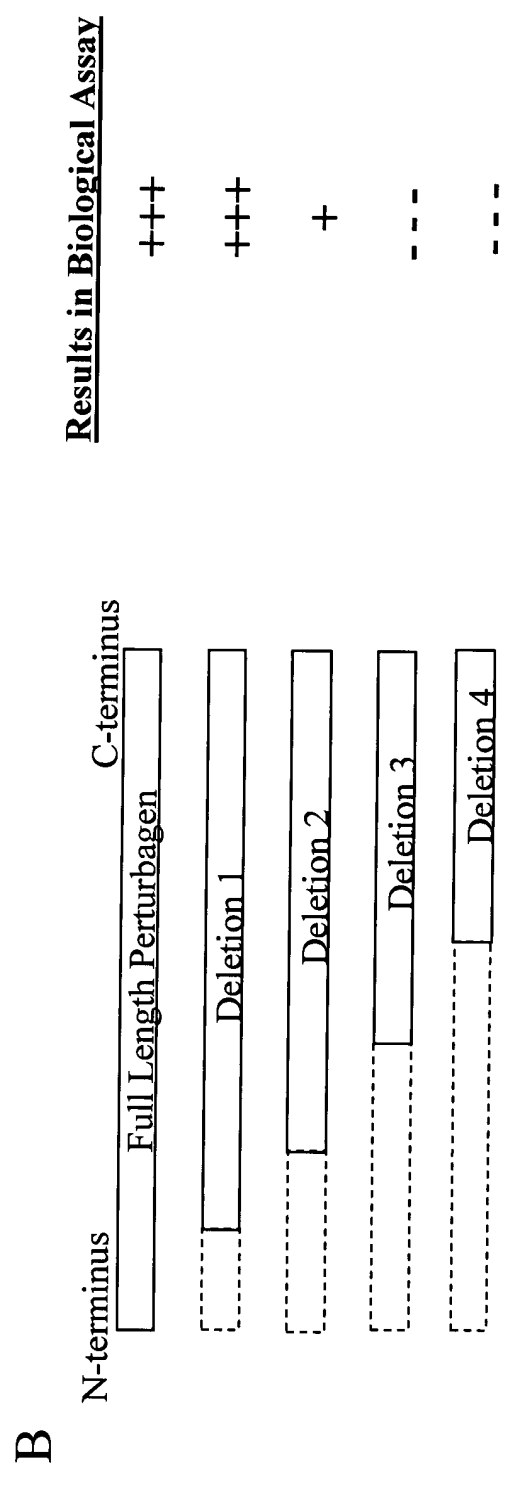
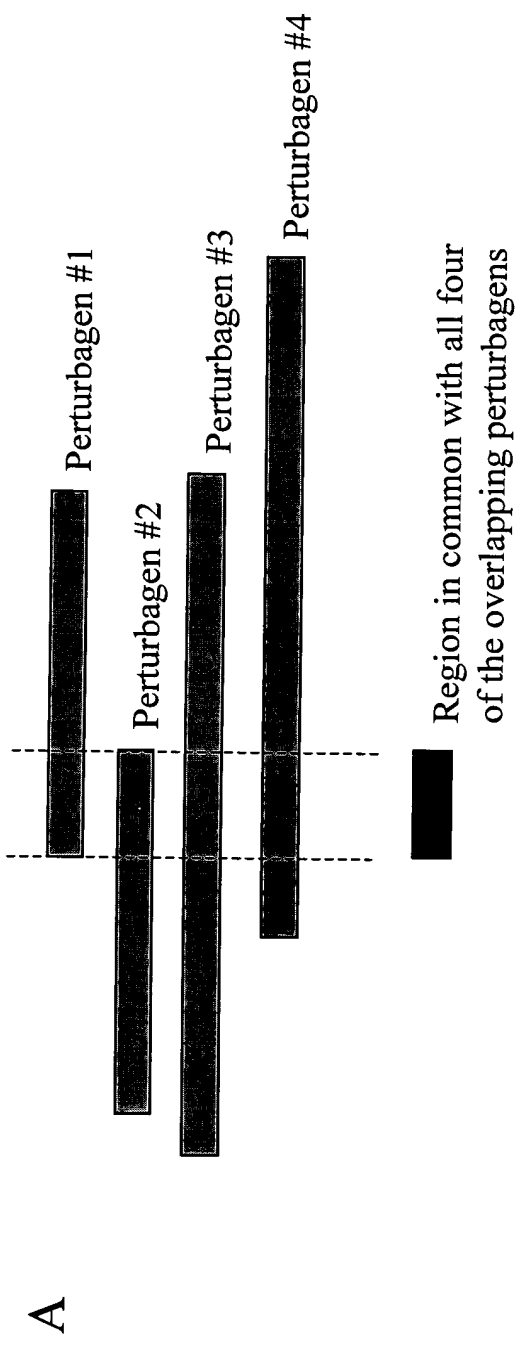


Figure 4

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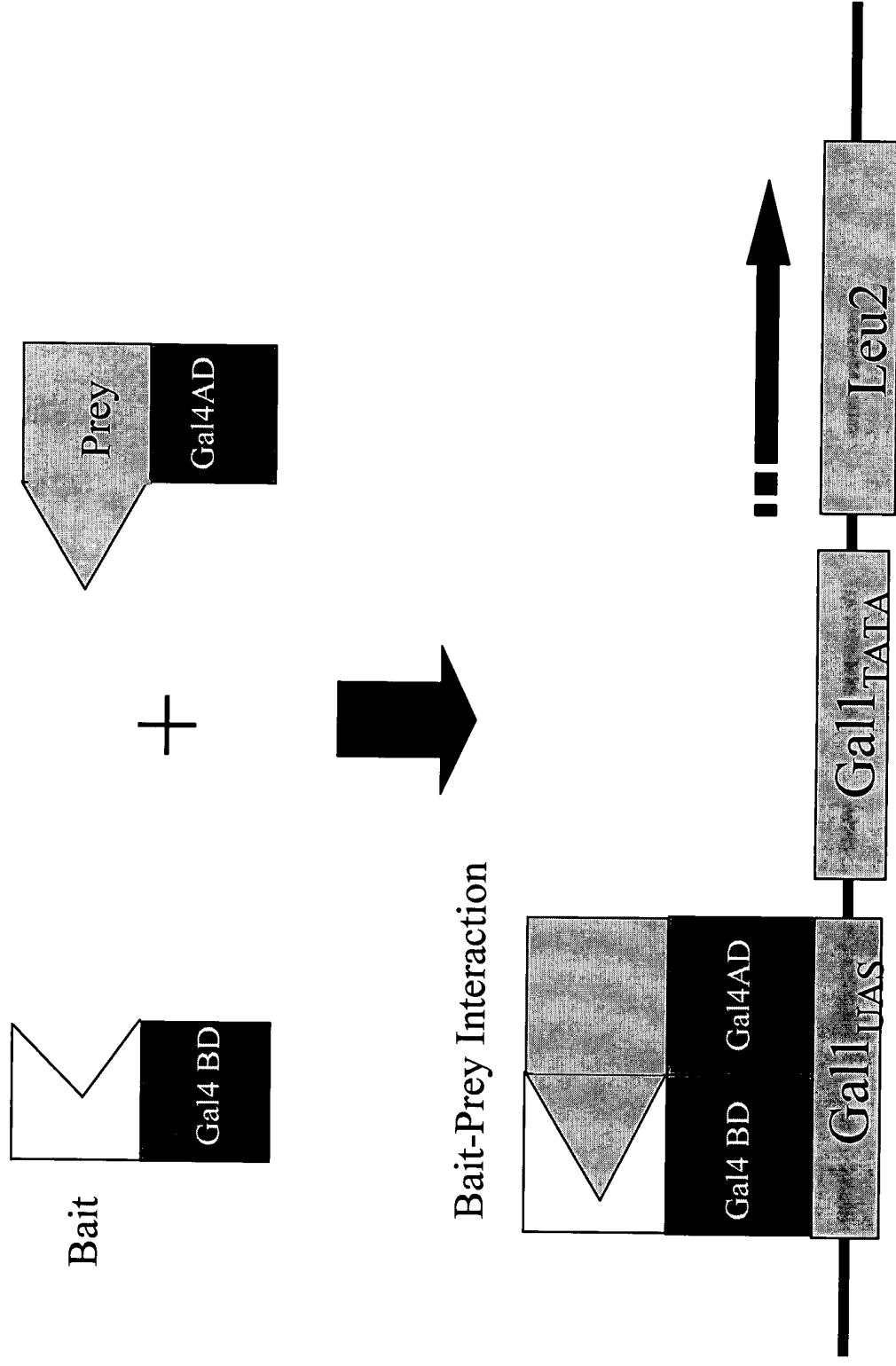


Figure 5

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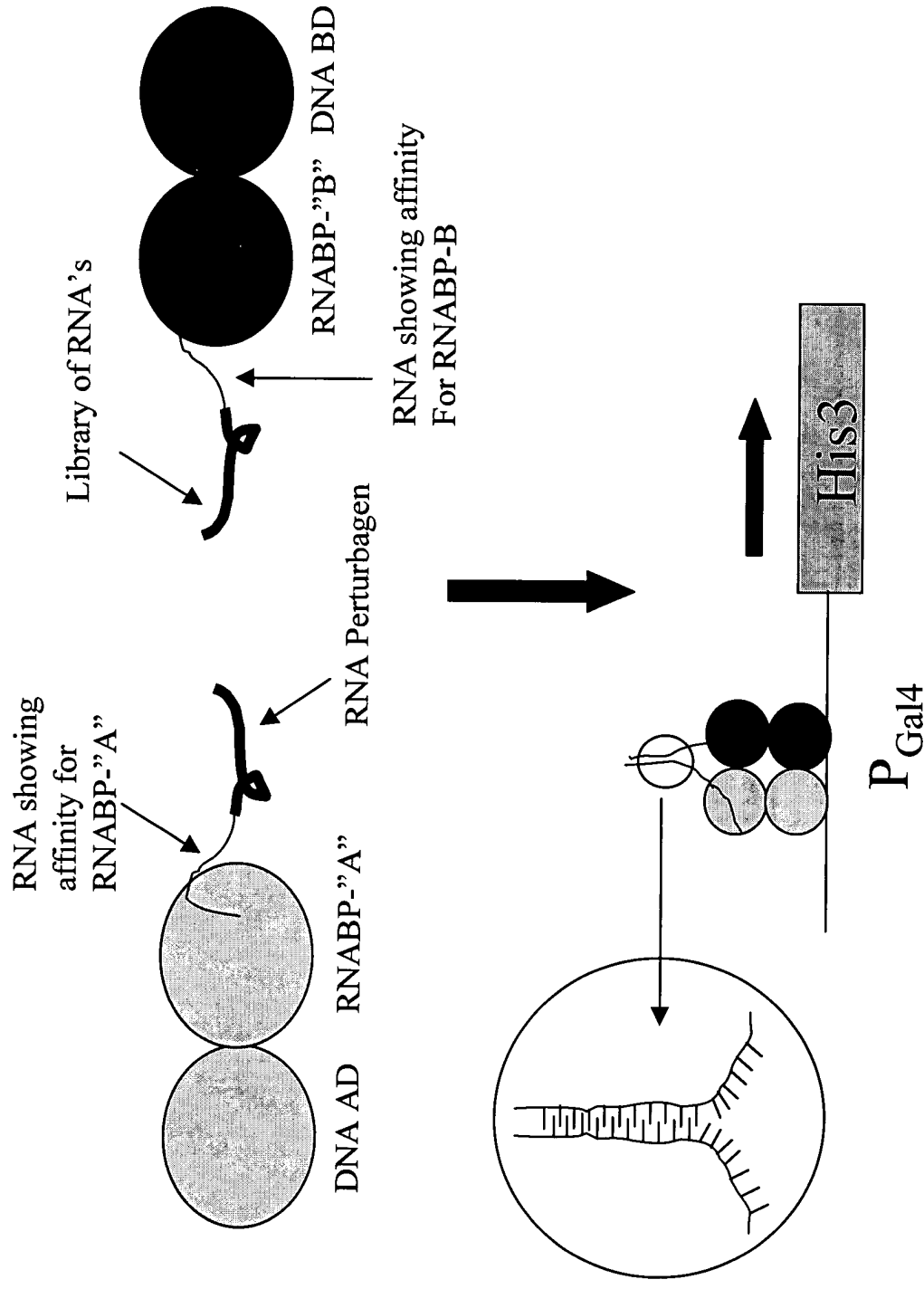


Figure 6

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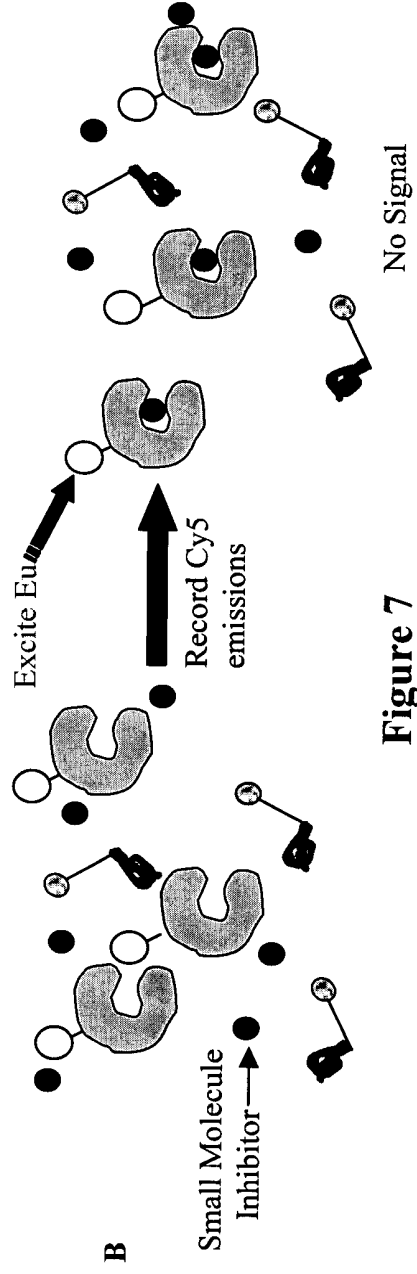
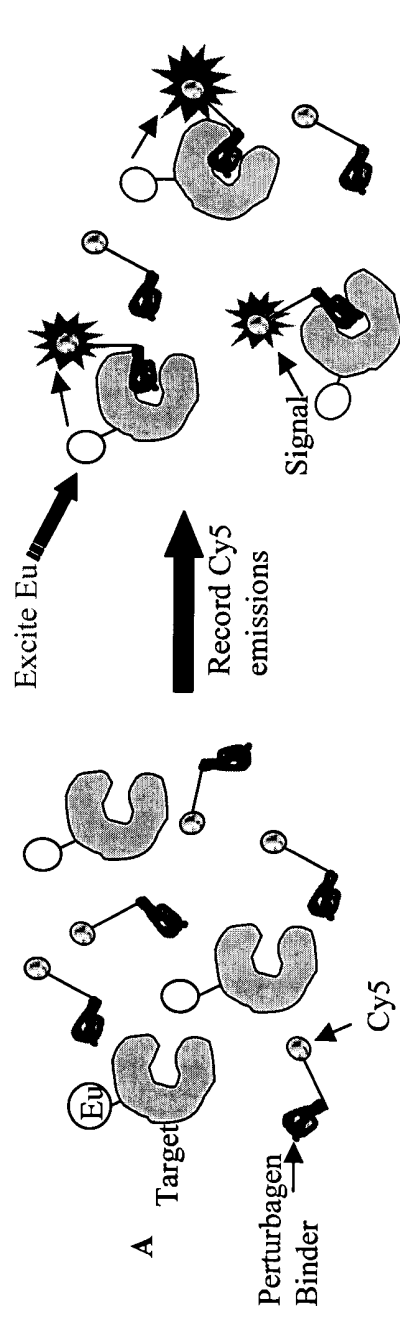


Figure 7

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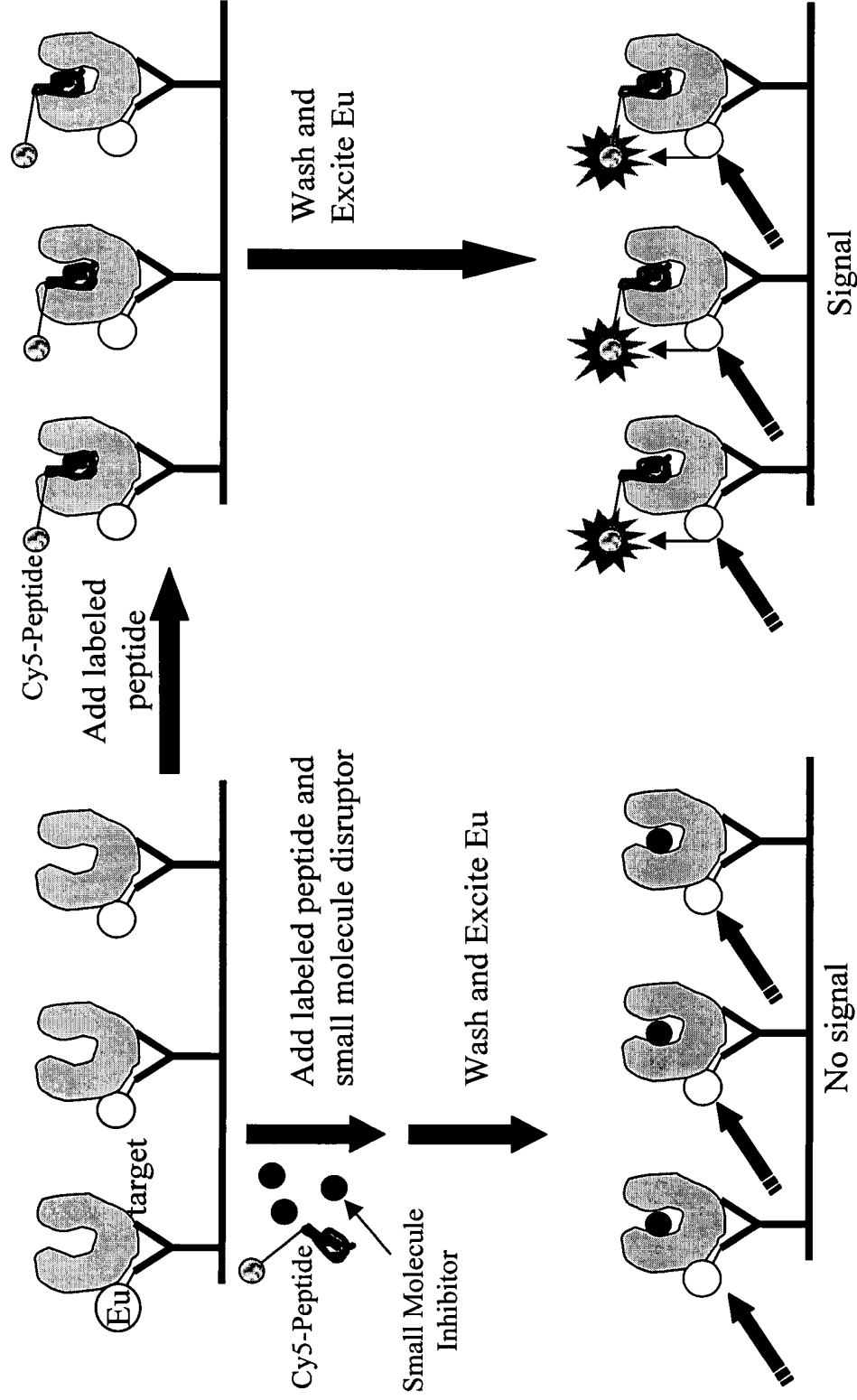


Figure 8

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Conditions for Each Cycle

Cycle 1:

- A 24 hrs: wash + Ab
120 hrs: harvest
- B 24 hrs: wash + Ab
48 hrs: trypsinize/reinfect at half the moi
72 hrs: wash + Ab
96 hrs: wash + Ab
120 hrs: harvest

Cycle 2: A and B

- 24 hrs: wash + Ab, shift to 39°C
- 48 hrs: wash Ab
- 72 hrs: harvest

Cycle 3: A and B

- 24 hrs: wash + Ab, shift to 39°C
- 48 hrs: harvested

Note: Ab was added to all samples at 4 hrs post infection

Figure 9

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Cells Surviving Each Cycle

Cycle

	1	2	3	4
352.1	0.05%	0.76%	0.07%	0.10%
Group A	0.08%	0.14%	0.17%	1.11%
Group B	<0.01%	0.22%	1.92%	6.67%

Figure 10

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DNA Sequence of cW985

5'CCGAGGCGGCTGATAATGATGATGGTGATG
ATAATGATGATGGTGGTGAGAAATAATGG
TGGTGATGGTGATAATTATGCTACTGATGAC
ATGATGATGGTGATGATAATGATGATGGTGG
TGGTGAGAAATAATGGTGATGGTGATAAT
TATGCTACTGATGACATAATGATGTGATGAT
AAGATGGTGATGGTCATGATGATAGAAATGA
TGGTGGTAGGGATGATGATAATGGTGATGGT
AATGATGATGGTGGTGATGATGGTGGTGGT
GATGGTCGTAGTTATGCTACTGATGATGATA
TAATGATGACGCTGGCCATAATGC-3'

Amino Acid Sequence of cW985

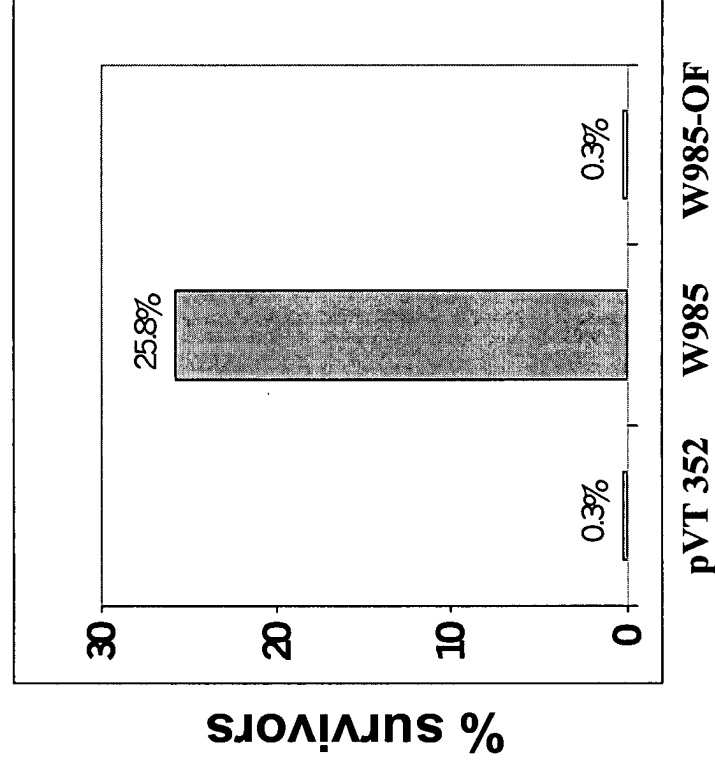
N' - DNDDGDDNDDGGENNGGDNYAT
DDMMVMVMMVVRIMVVMVIML
LMT-C'

Figure 11

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HRV resistance assay

A.



Anti-GFP immunoblot

B. 1 2 3 4

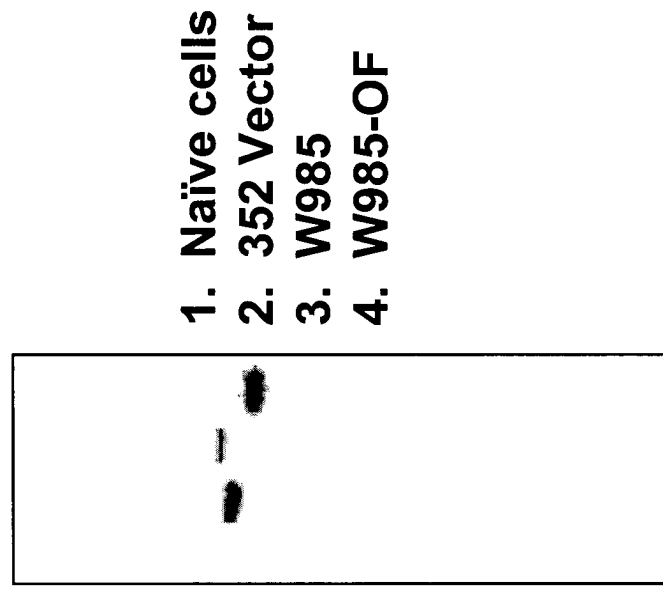


Figure 12

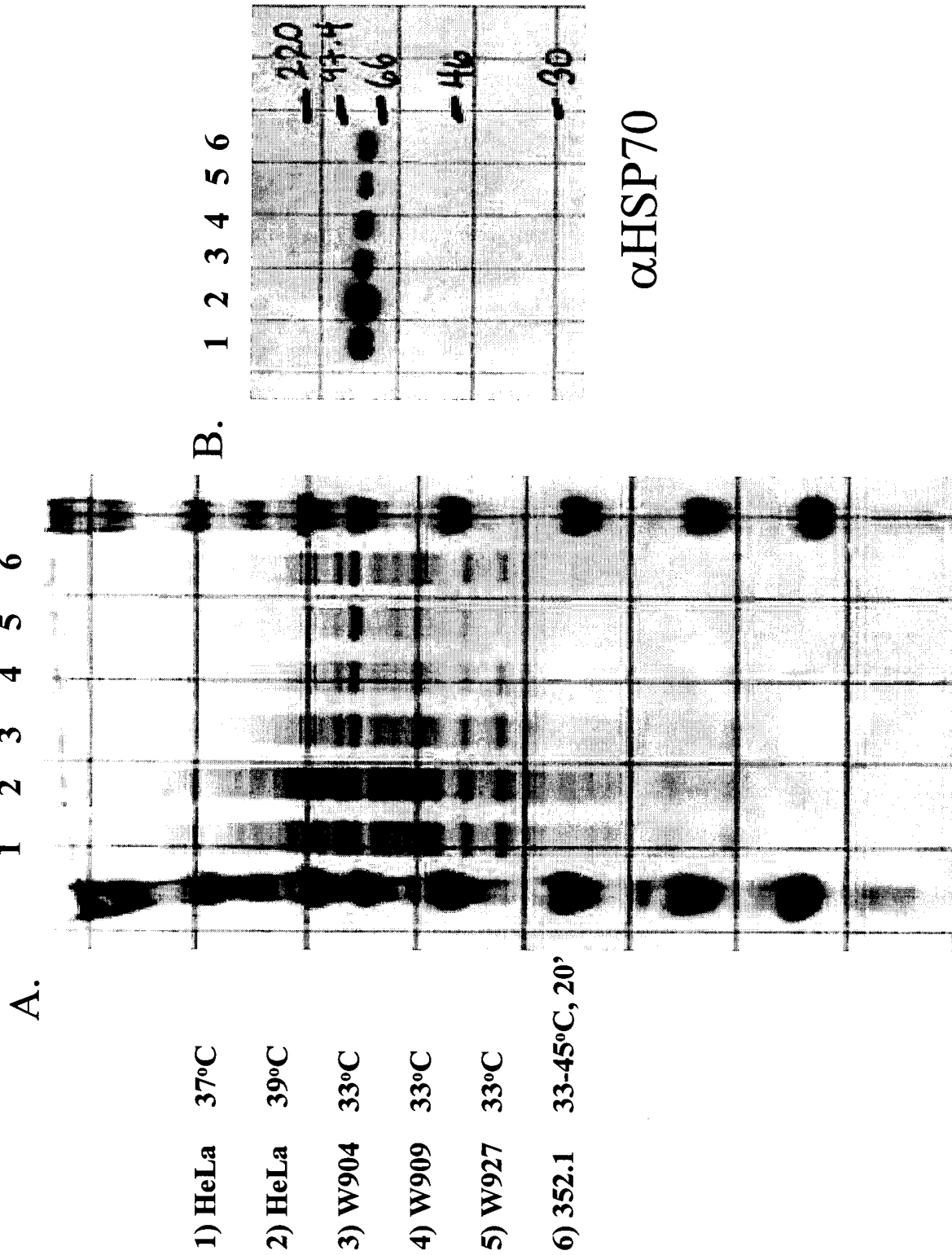


Figure 13

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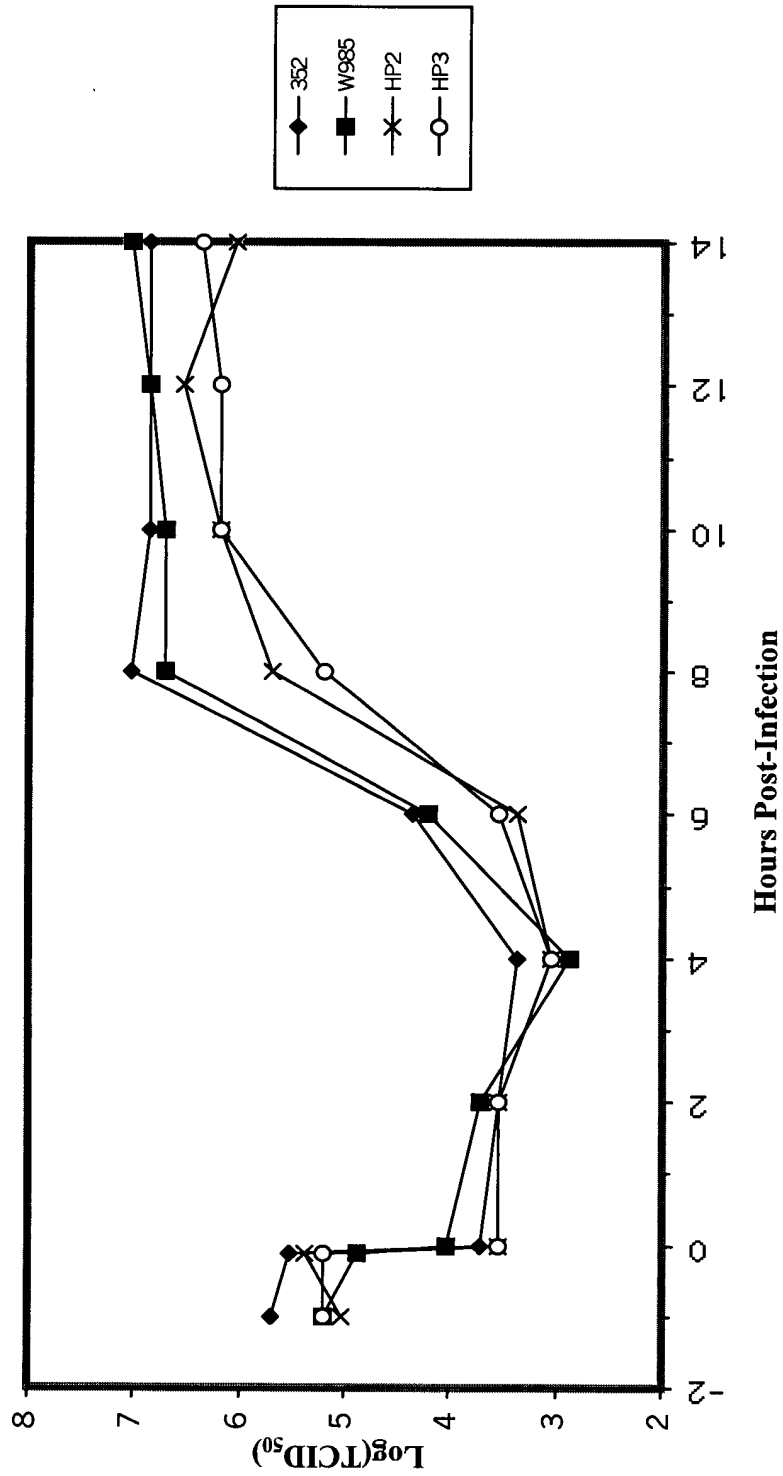


Figure 14

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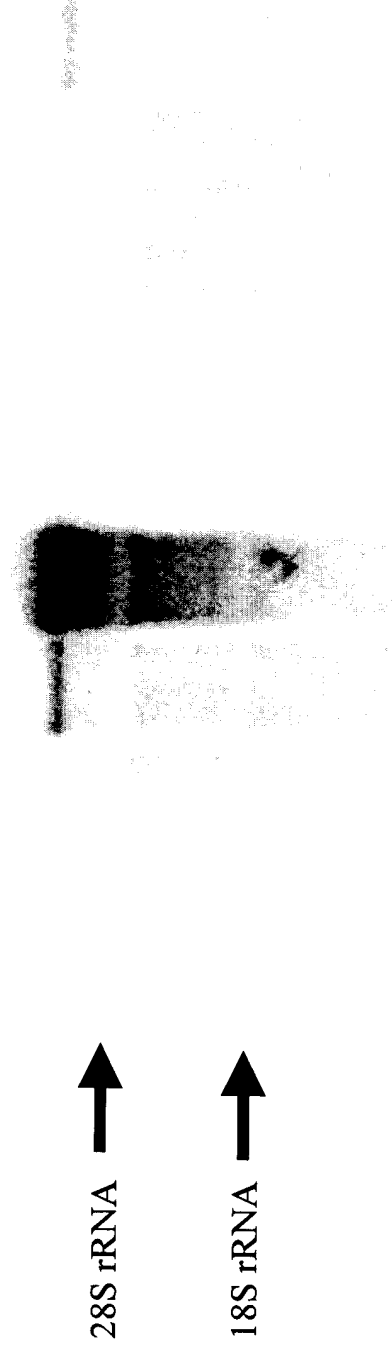
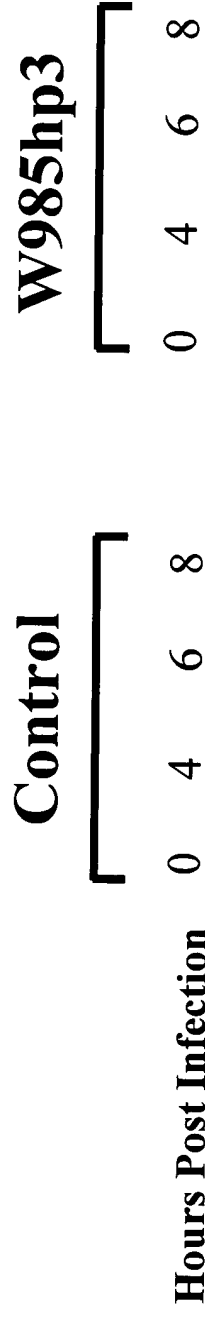


Figure 15

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Control

W985hp3

0.4

4

40

~ Pfu
Virus Added
400

4000

40000

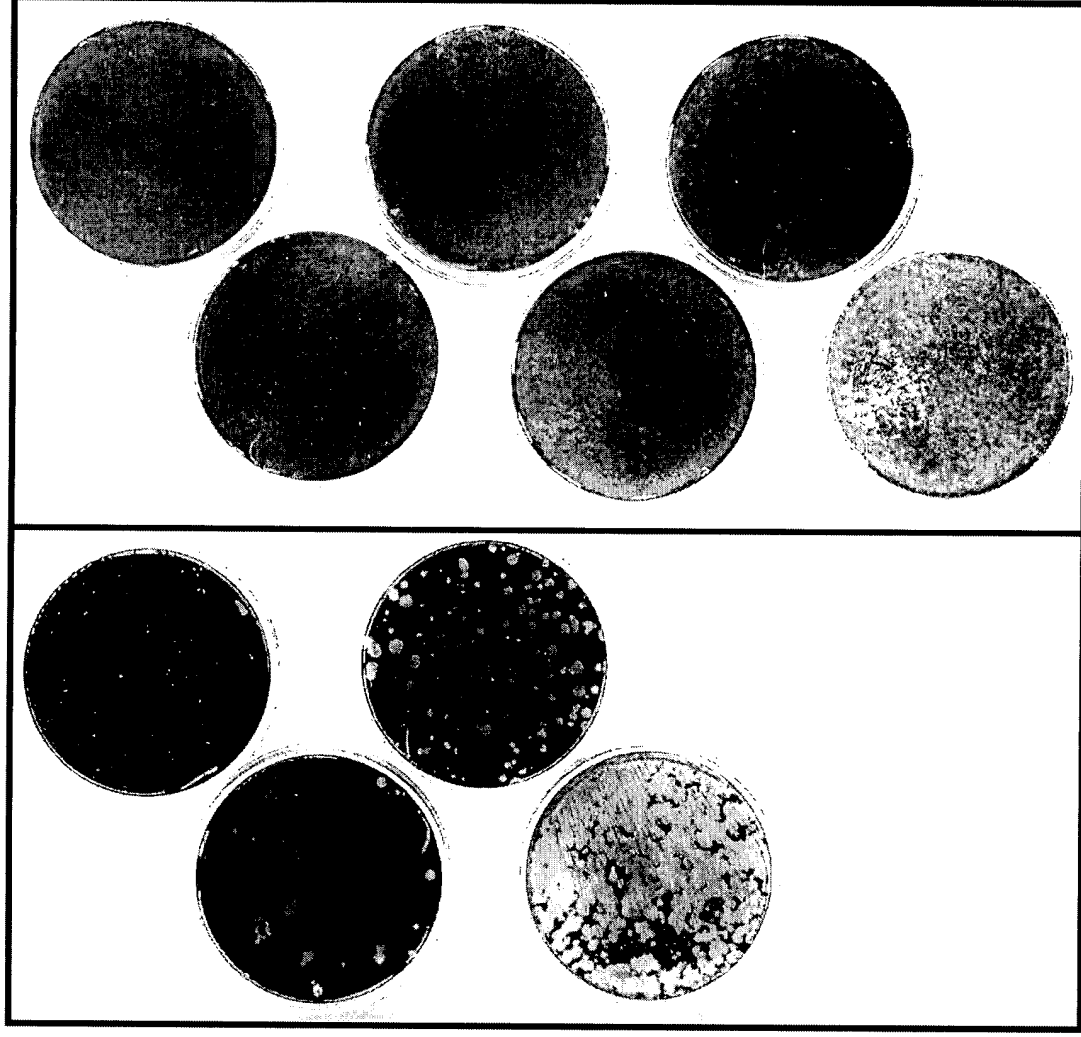


Figure 16

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3001	rh1A.F1	tcataaatggatccagATGGGCGCTCAGGTTTCTACACA	3011	rh2B.F1	tcataaatggatccagGGGCTGAGTGATTATCACACAGGTTT
3002	rh1A.R1	tcataacagcgccgcttaATTCAATGCTGGTGACCCCTTAAGCATGAGAT	3012	rh2B.R2	tcataacagcgccgcttaTTGTCCTTCAATGTAGGCACCTGA
3003	rh1B.F1	tcataaatggatccagTCACCCAATGTTGAGGCCTGTGGTTAT	3013	rh2C.F1	tcataaatggatccagGCAAATGATGGA TGGTT CAGA AAGTTTA
3004	rh1B.R1	tcataacagcgccgcttaTTGTGGCACAA TTGACTTGGACCTT	3014	rh2C.R1	tcataacagcgccgcttaTTGAAACAGTGTTTCTAGGGAATC
3005	rh1C.F1	tcataaatggatccagGGTTT GCCAACTA CAACCTTTGCC	3015	rh3A/B.F1	tcataaatggatccagGGACAGTGATATAAGATTTAGAGAT
3006	rh1C.R1	tcataacagcgccgcttaTTCAGTGAGTGCAACAGTCTGTG	3016	rh3A/B.R1	tcataacagcgccgcttaTTGCACAA CAAC TGGCGTAAAGT
3007	rh1D.F1	tcataaatggatccagGGCTTA GGTGATGAATTA GAAGAA GT	3017	rh3C.F1	tcataaatggatccagGGACCAACACAGATTTGCA CTATC
3008	rh1D.R2	tcataacagcgccgcttaATAGGATTTAATGTACCTTT CCTCT	3018	rh3C.R2	tcataacagcgccgcttaTTGTTTCTCTACAAAATAT TGTTTTTAAAGTTGAGC
3009	rh2A.F1	tcataaatggatccagGGTTTAGGACCTA GGTA CGGTGGGAT	3019	rh3D.F1	acataaatgcggccgcaaGGCCAAAGTAATAGCTAGACATAAG
3010	rh2A.R1	tcataacagcgccgcttaCTGTTCTCTGCCGATACACTCCAA	3020	rh3D.R1	tcataacagcgccgcttaAAGAGGTCCAACCA GCGCCTCCTAA G

Figure 17

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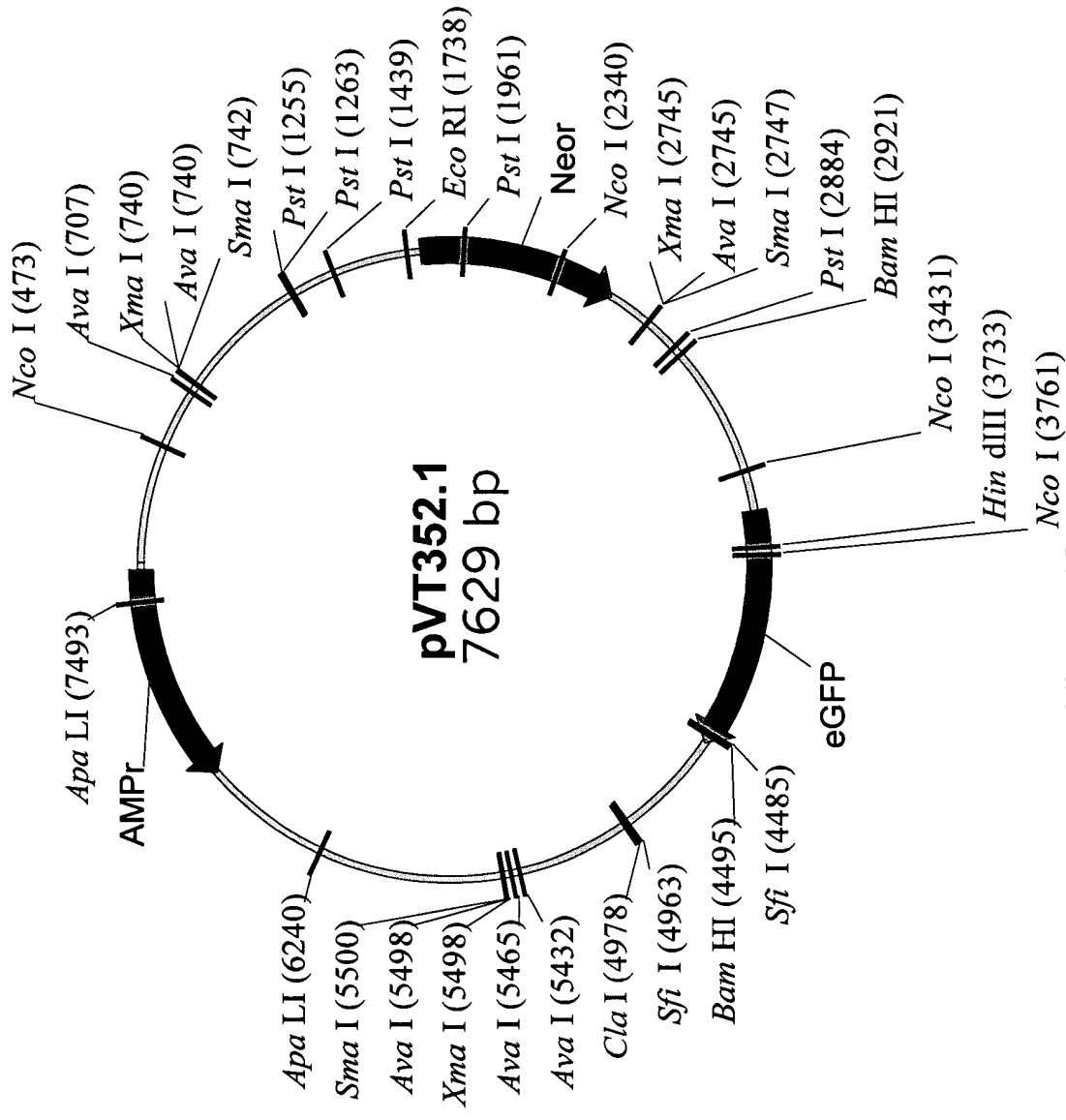


Figure 18

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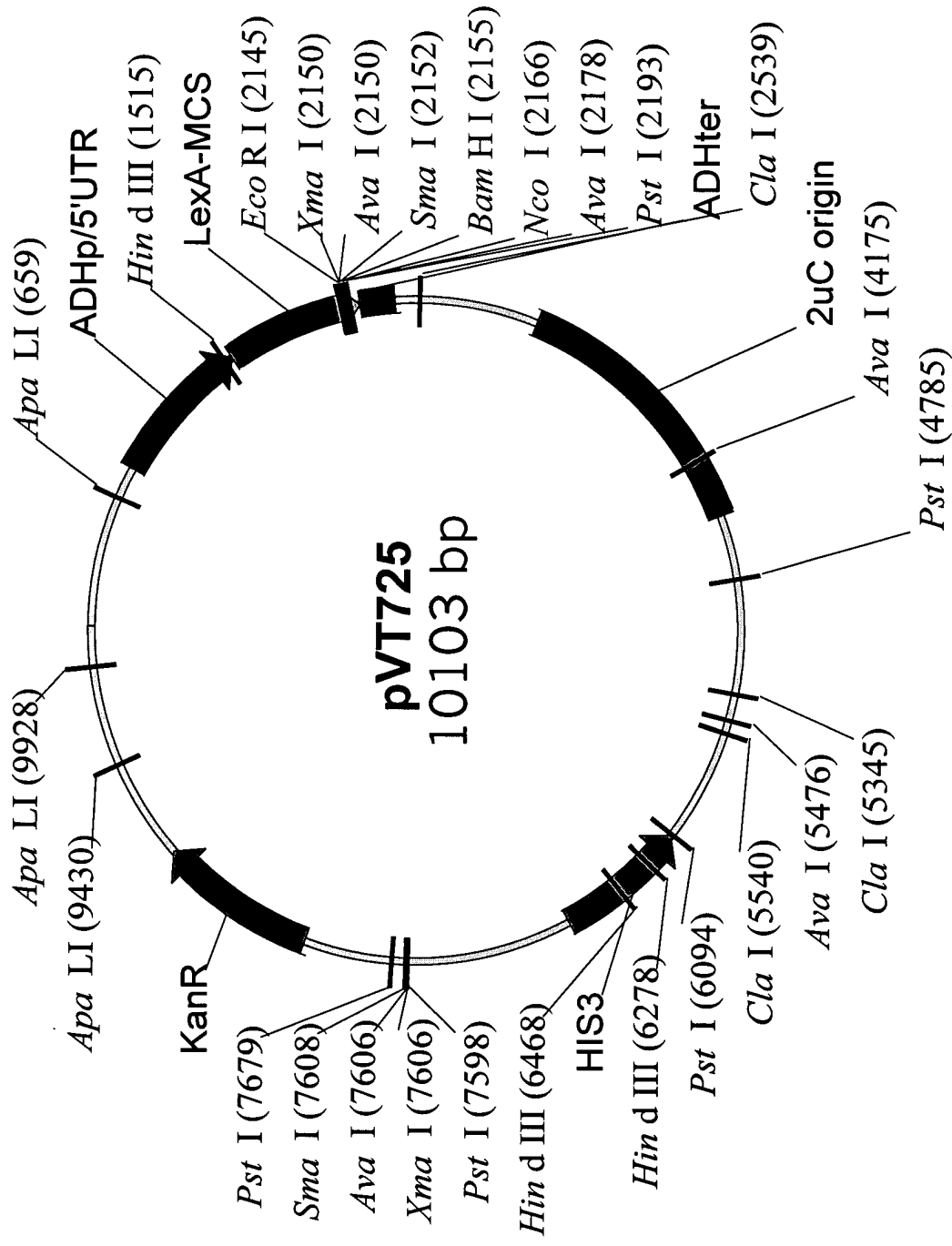


Figure 19

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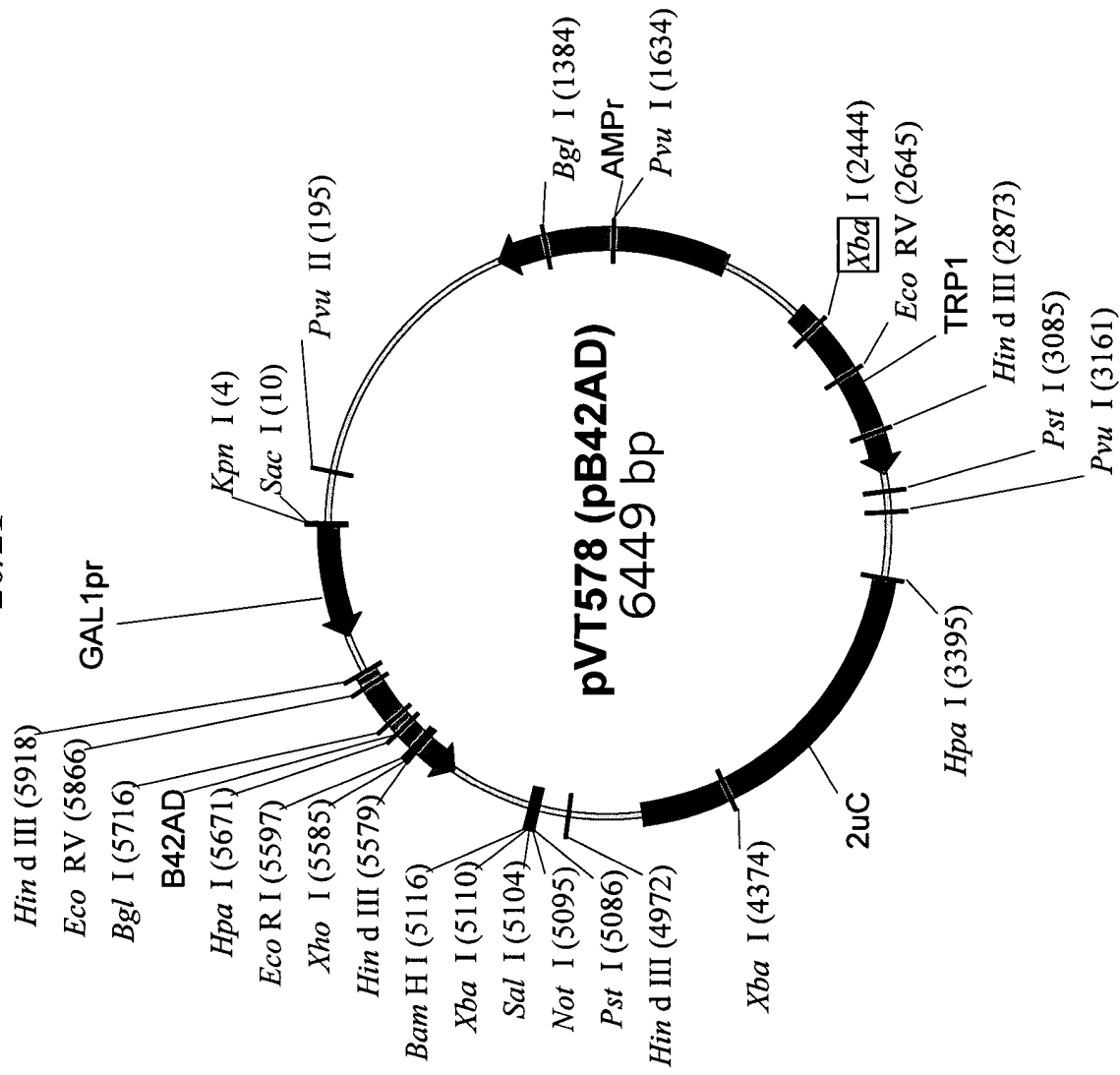


Figure 20

